

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009173.D
 Acq On : 10 Mar 2017 13:23
 Operator : SJ/MA
 Sample : I2062-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

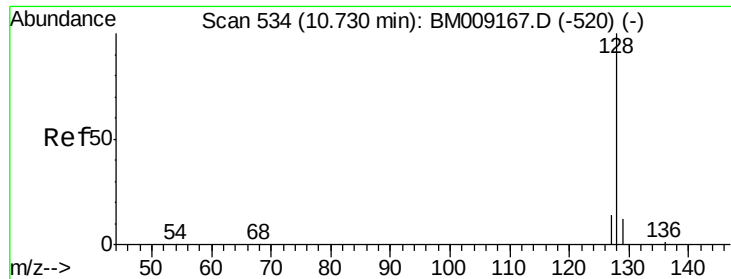
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Quant Time: Mar 10 17:23:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 15:19:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	756	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	536	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1062m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1413m	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1085m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	356	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1157	0.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	30348	13.92	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	12031	7.68	ng/ul	100
7) Acenaphthylene	14.23	152	6545	2.35	ng/ul	98
8) Acenaphthene	14.57	153	14897	6.96	ng/ul	90
9) Fluorene	15.56	166	38345	15.31	ng/ul#	81
12) Phenanthrene	17.31	178	319973m	95.95	ng/ul	
13) Anthracene	17.40	178	79480	24.13	ng/ul#	92
15) Fluoranthene	19.33	202	336236	77.30	ng/ul	92
17) Pyrene	19.69	202	251785	51.81	ng/ul	95
18) Benzo(a)anthracene	21.42	228	145319	30.95	ng/ul	94
19) Chrysene	21.47	228	100016	22.46	ng/ul	93
21) Benzo(b)fluoranthene	23.07	252	122239m	28.68	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	41330m	10.97	ng/ul	
23) Benzo(a)pyrene	23.67	252	86259m	22.49	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	47739m	9.79	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	13979m	3.41	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	36446m	8.76	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3

Naphthalene

Concen: 13.92 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Instrument :

BNA_M

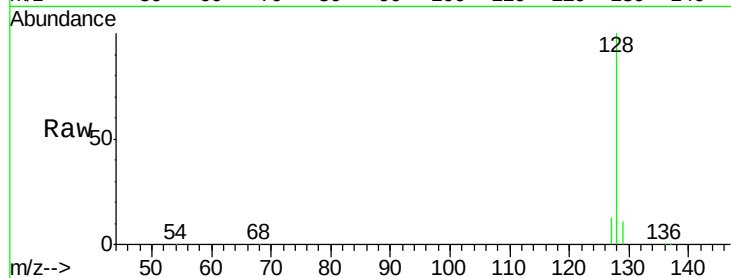
ClientSampleId :

C0AC7

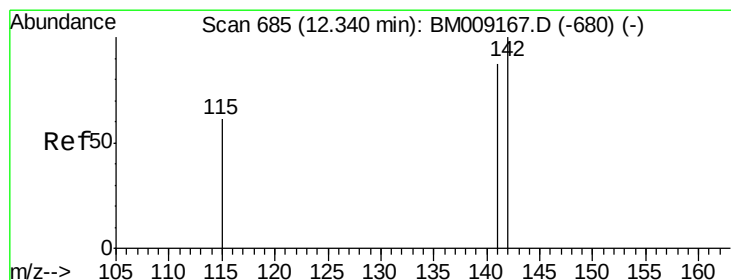
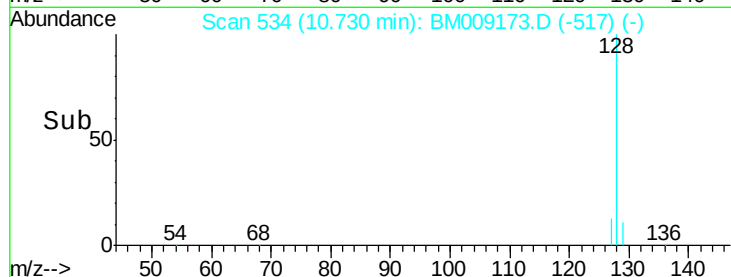
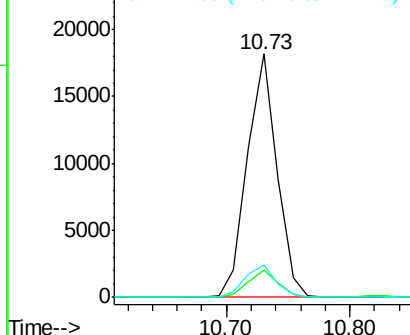
Tgt Ion:	128	Resp:	30348
Ion Ratio	Lower	Upper	
128	100		
129	11.0	11.3	16.9#
127	13.4	12.8	19.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 7.68 ng/ul

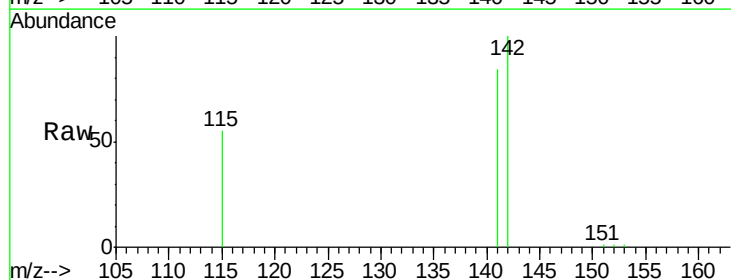
RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

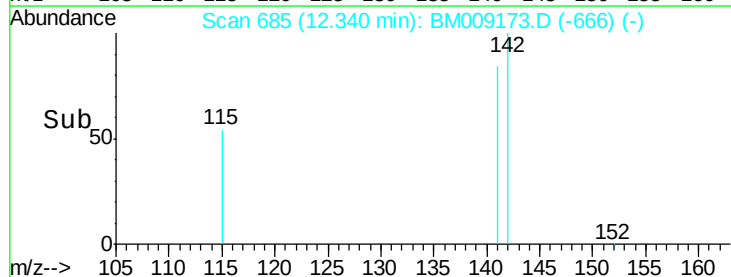
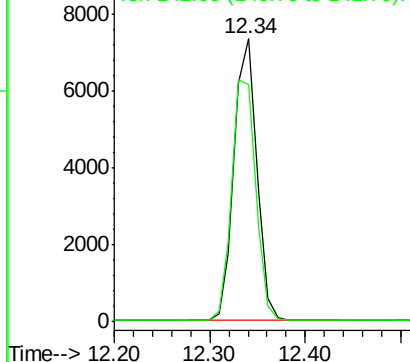
Lab File: BM009173.D

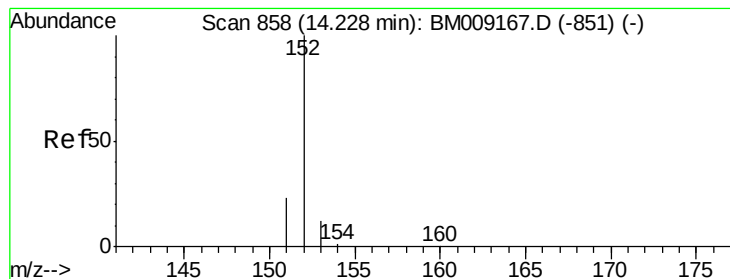
Acq: 10 Mar 2017 13:23

Tgt Ion:	142	Resp:	12031
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.35 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Instrument :

BNA_M

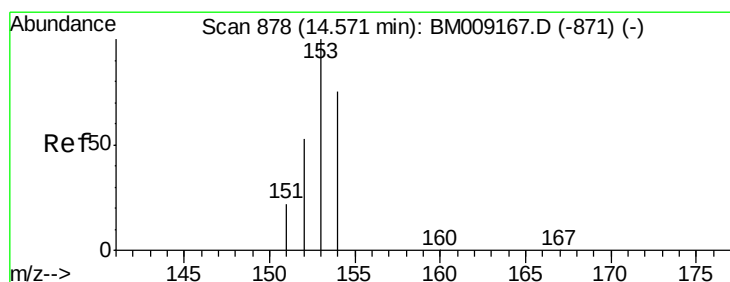
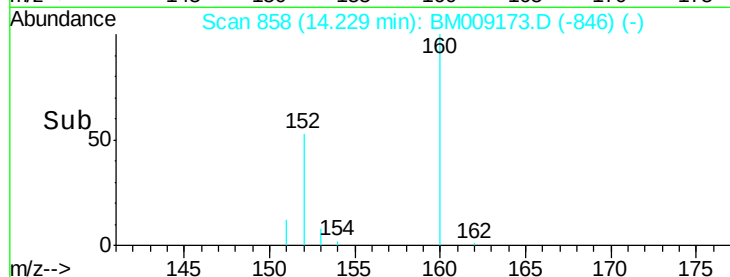
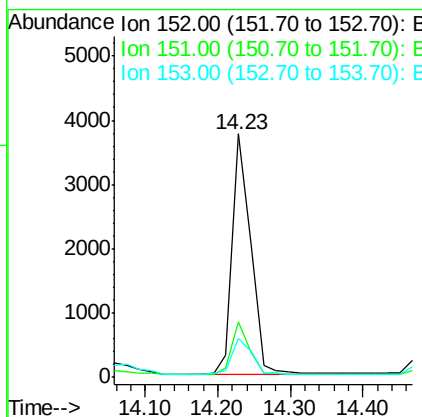
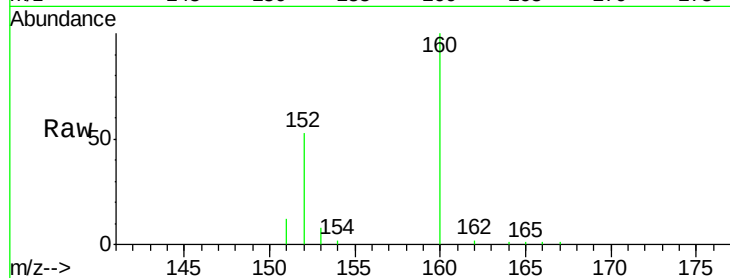
ClientSampled :

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Tgt Ion:	152	Resp:	6545
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	15.9	12.8	19.2

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#8

Acenaphthene

Concen: 6.96 ng/ul

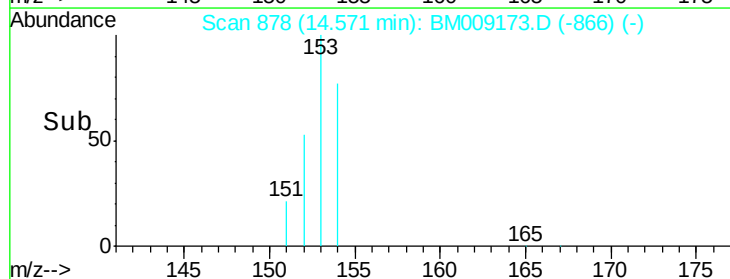
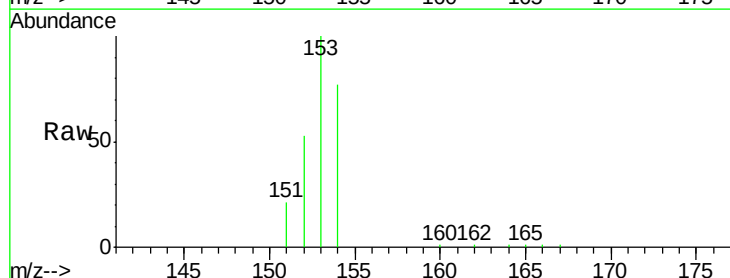
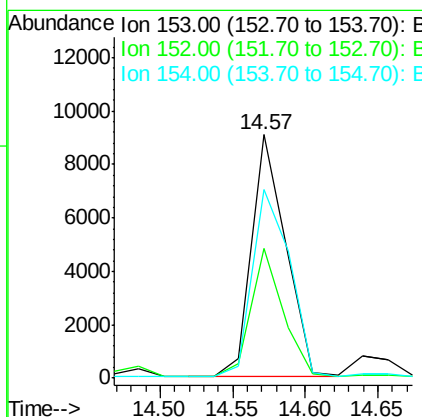
RT: 14.57 min Scan# 878

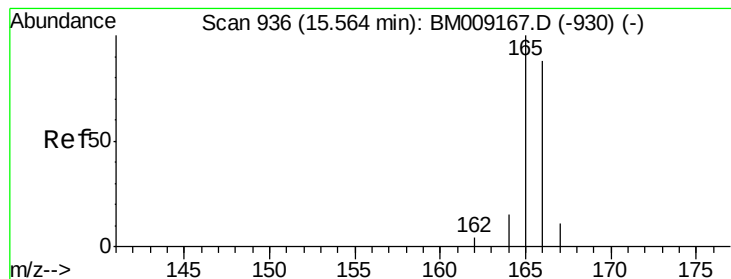
Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Tgt Ion:	153	Resp:	14897
Ion Ratio	Lower	Upper	
153	100		
152	53.1	40.3	60.5
154	77.2	71.4	107.2





#9

Fluorene

Concen: 15.31 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Instrument :

BNA_M

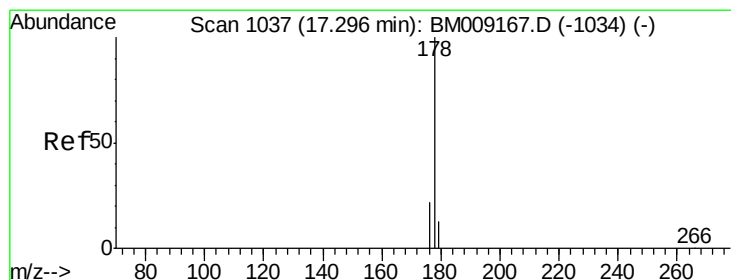
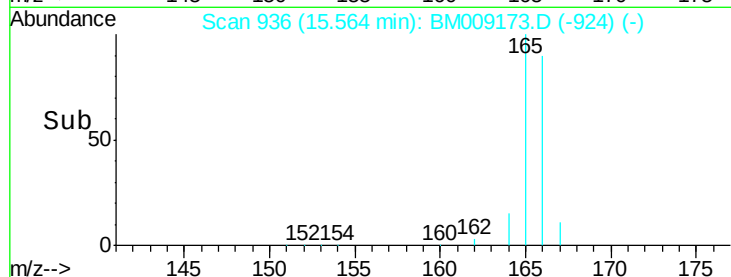
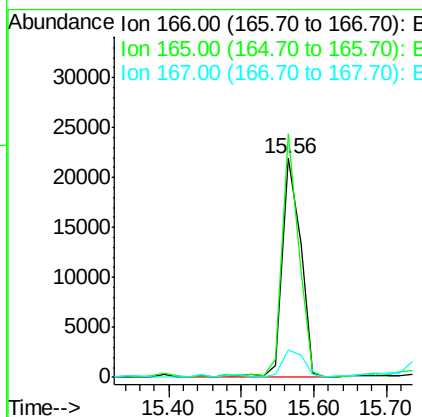
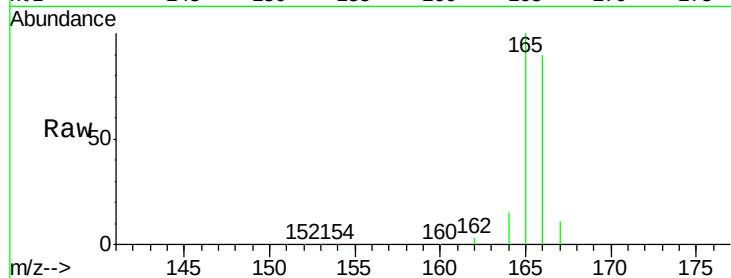
ClientSampleId :

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Tgt Ion:	166	Resp:	38345
Ion Ratio	Lower	Upper	
166	100		
165	111.2	73.4	110.2#
167	12.7	14.6	22.0#

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#12

Phenanthrene

Concen: 95.95 ng/ul m

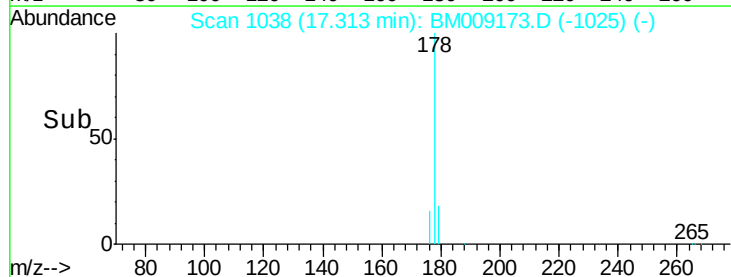
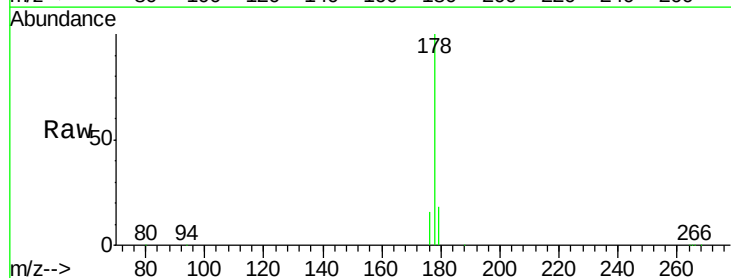
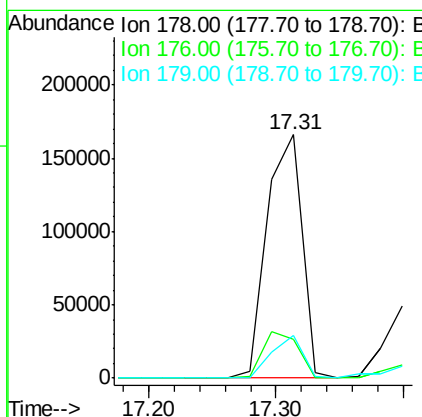
RT: 17.31 min Scan# 1038

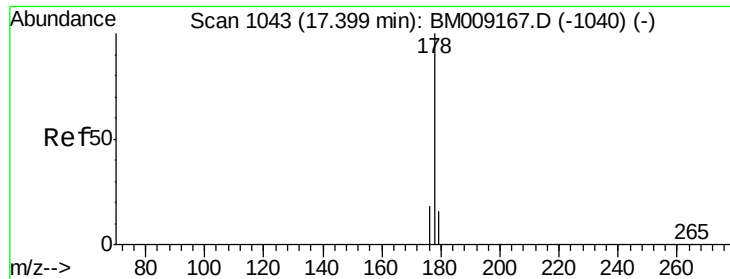
Delta R.T. 0.02 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Tgt Ion:	178	Resp:	319973
Ion Ratio	Lower	Upper	
178	100		
176	16.2	18.4	27.6#
179	17.6	13.6	20.4





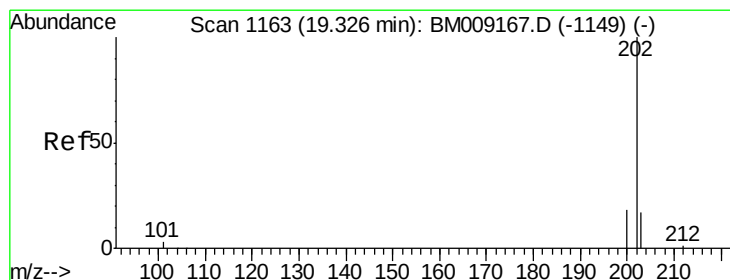
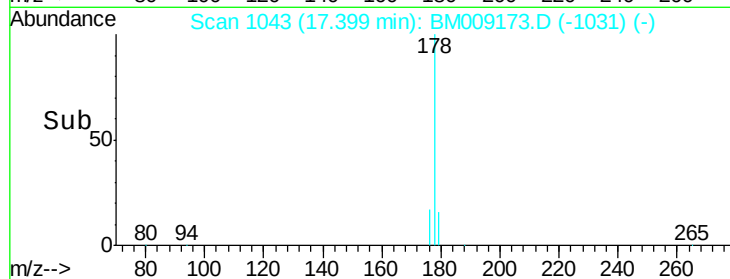
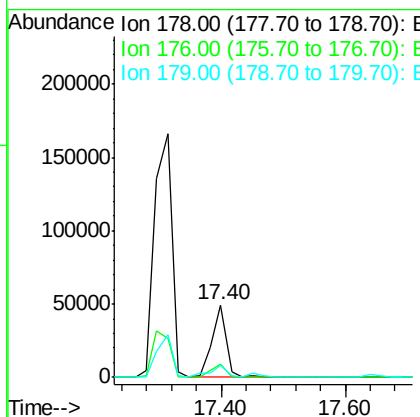
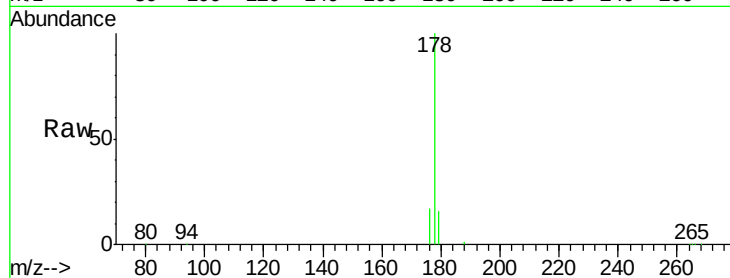
#13
 Anthracene
 Concen: 24.13 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009173.D
 Acq: 10 Mar 2017 13:23

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tgt Ion:178 Resp: 79480
 Ion Ratio Lower Upper
 178 100
 176 17.4 18.1 27.1#
 179 16.5 14.7 22.1

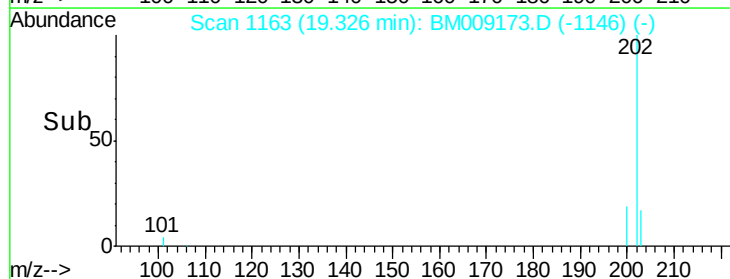
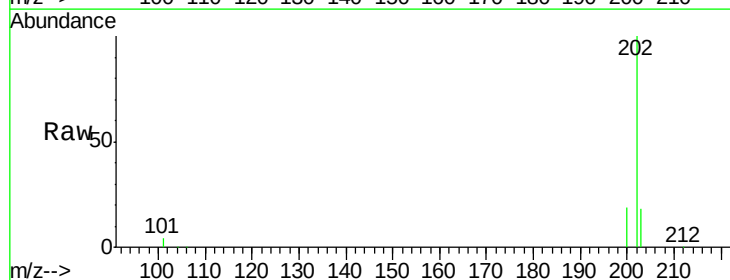
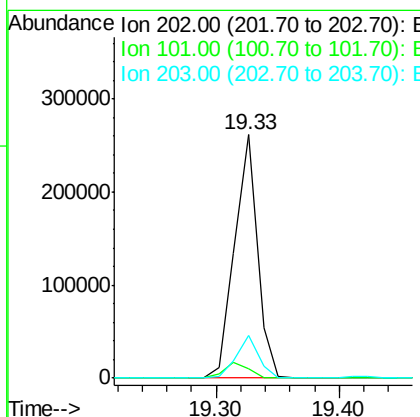
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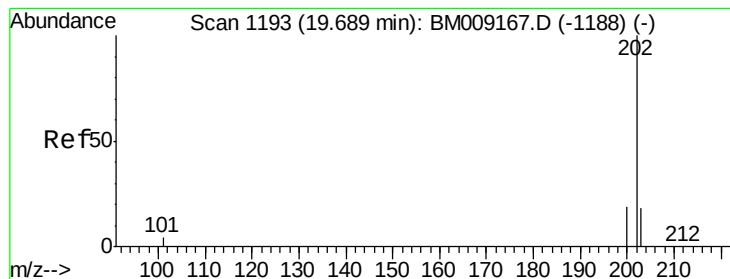
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#15
 Fluoranthene
 Concen: 77.30 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM009173.D
 Acq: 10 Mar 2017 13:23

Tgt Ion:202 Resp: 336236
 Ion Ratio Lower Upper
 202 100
 101 3.9 0.0 30.3
 203 17.8 0.0 39.5





#17

Pyrene

Concen: 51.81 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Instrument :

BNA_M

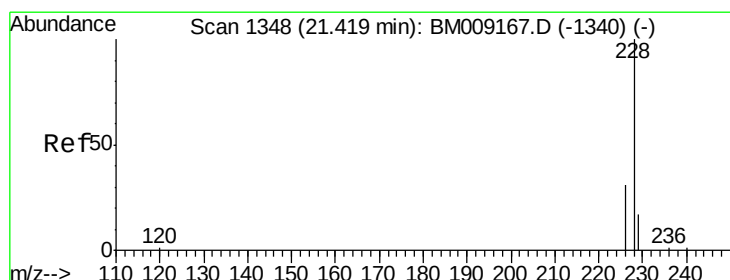
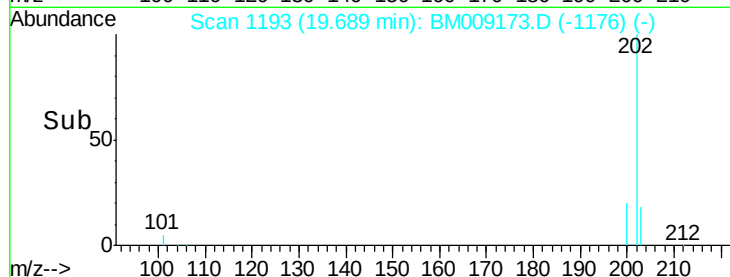
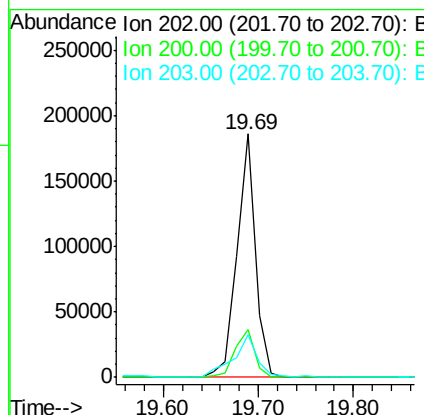
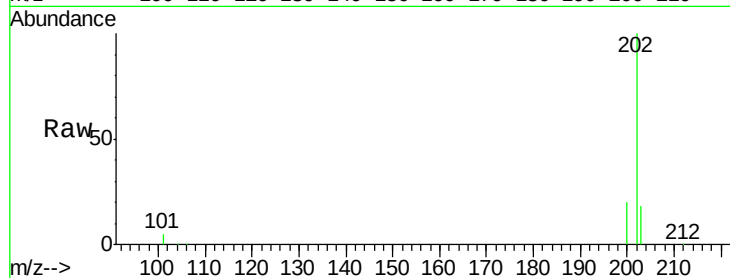
ClientSampleId :

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Tgt Ion:	202	Resp:	251785
Ion Ratio	Lower	Upper	
202	100		
200	19.9	18.2	27.4
203	17.8	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 30.95 ng/ul

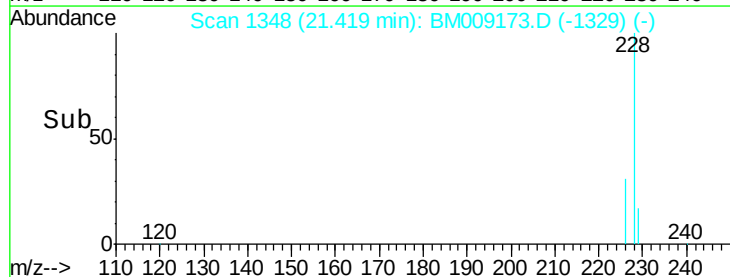
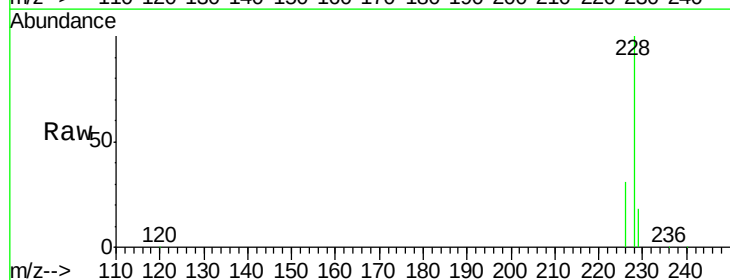
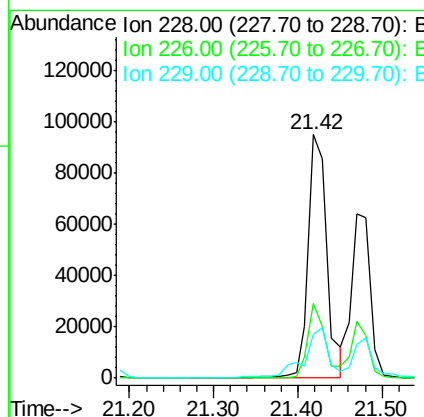
RT: 21.42 min Scan# 1348

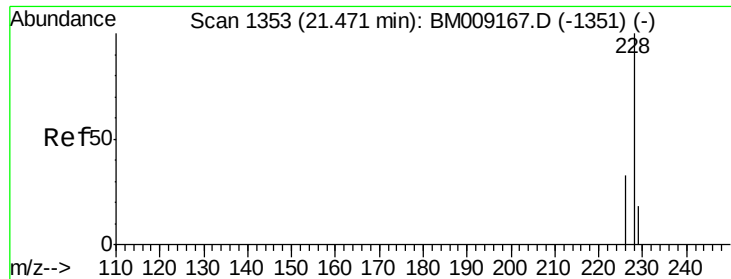
Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Tgt Ion:	228	Resp:	145319
Ion Ratio	Lower	Upper	
228	100		
226	30.8	22.8	34.2
229	17.9	17.0	25.6





#19

Chrysene

Concen: 22.46 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Instrument :

BNA_M

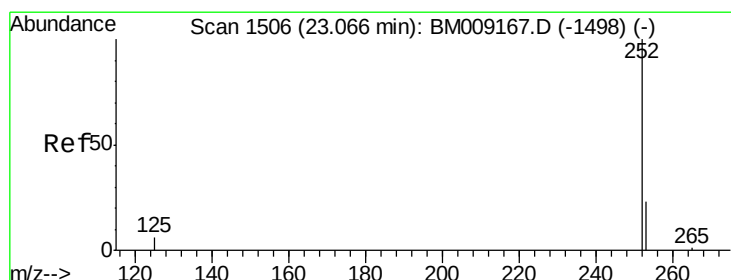
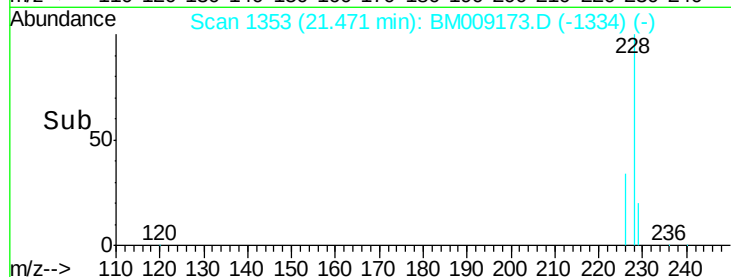
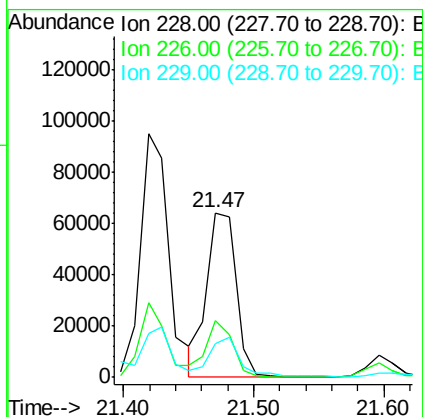
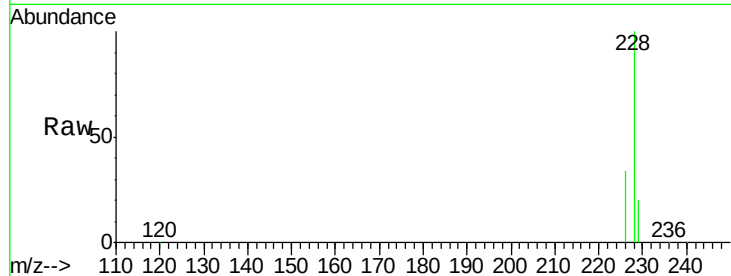
ClientSampleId :

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Tgt Ion:	228	Resp:	100016
Ion Ratio	Lower	Upper	
228	100		
226	34.3	23.4	35.0
229	20.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 28.68 ng/ul m

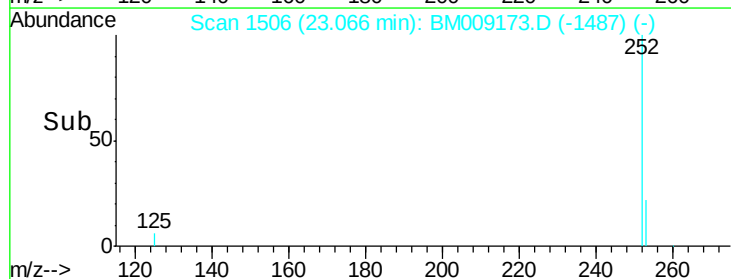
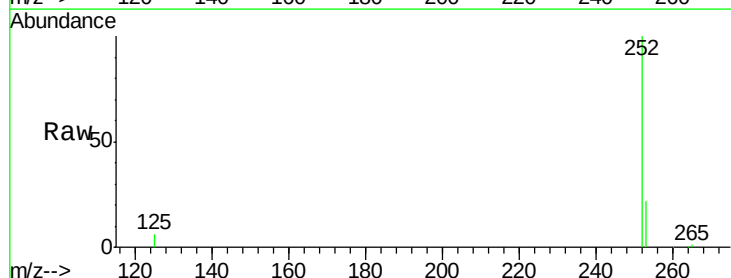
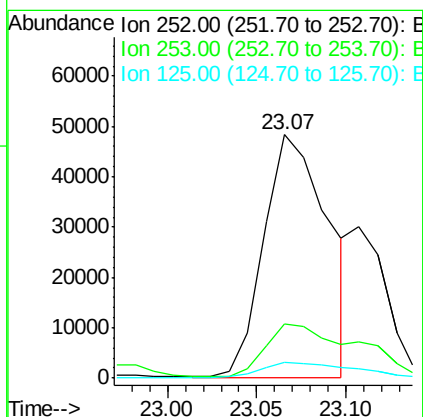
RT: 23.07 min Scan# 1506

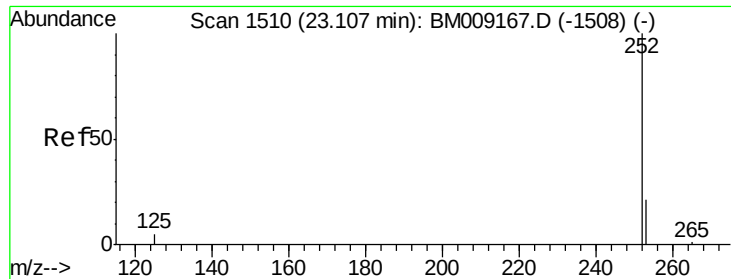
Delta R.T. 0.00 min

Lab File: BM009173.D

Acq: 10 Mar 2017 13:23

Tgt Ion:	252	Resp:	122239
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	64.2
125	6.4	0.0	35.0





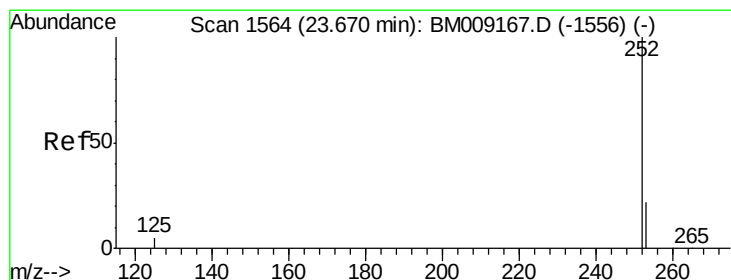
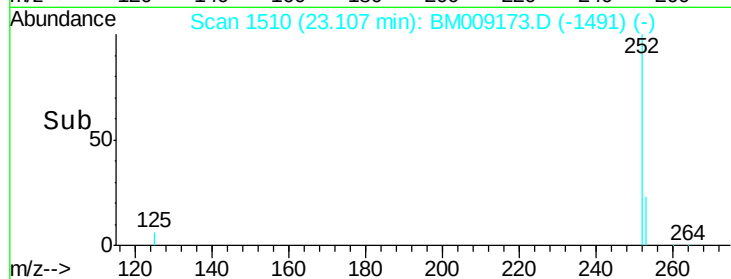
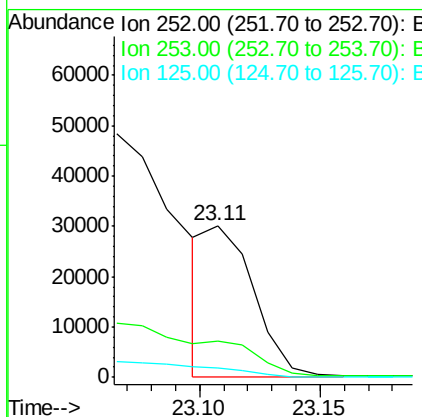
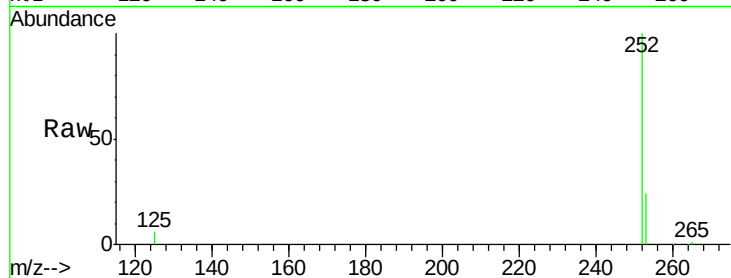
#22
Benzo(k)fluoranthene
Concen: 10.97 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009173.D
Acq: 10 Mar 2017 13:23

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	6.5	13.7	20.5#

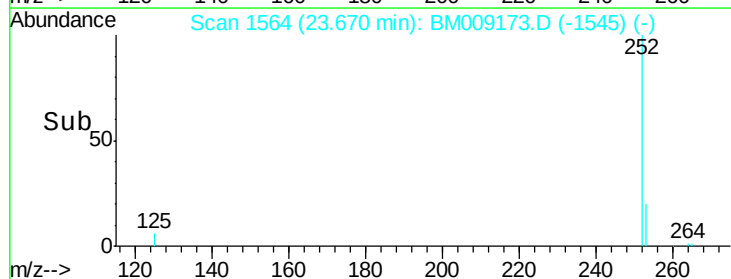
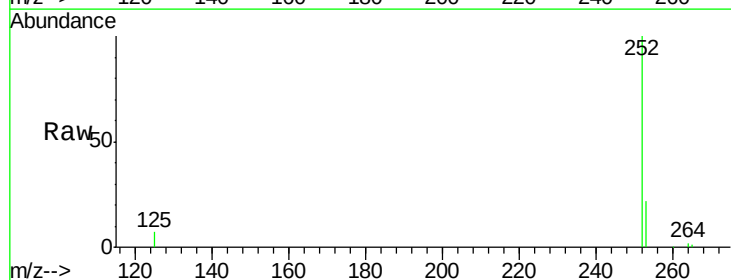
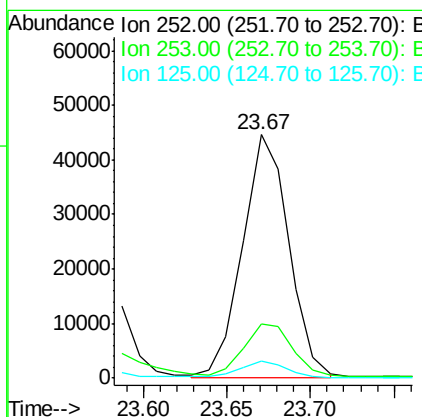
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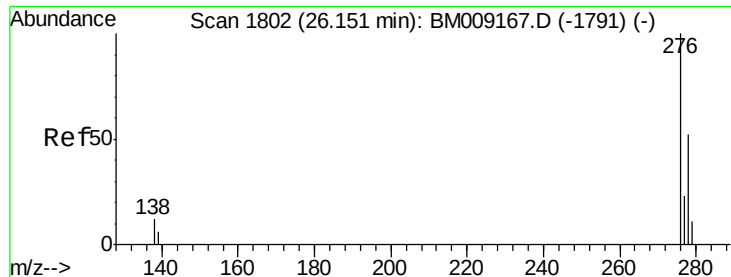
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#23
Benzo(a)pyrene
Concen: 22.49 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009173.D
Acq: 10 Mar 2017 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	28.5	42.7#
125	6.8	18.1	27.1#





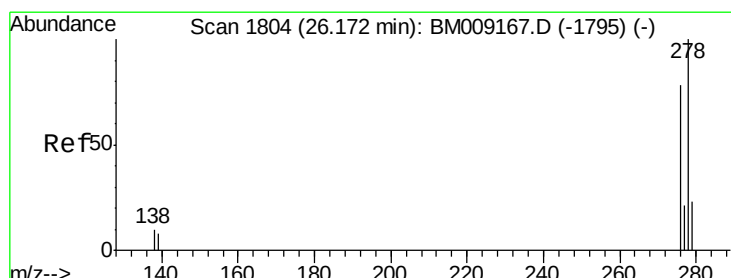
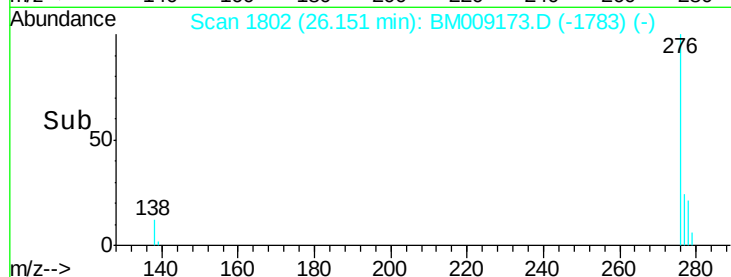
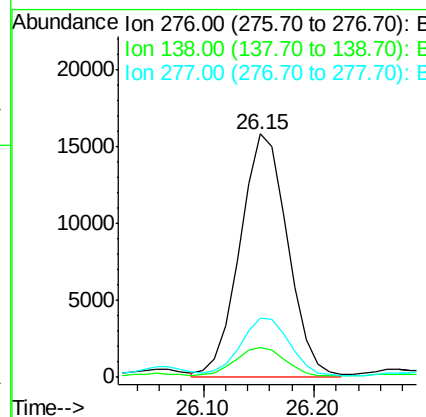
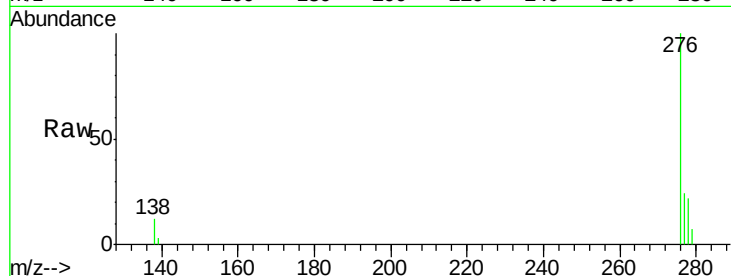
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.79 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BM009173.D
 Acq: 10 Mar 2017 13:23

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.5	19.1	28.7#
277	1.4	19.6	29.4#

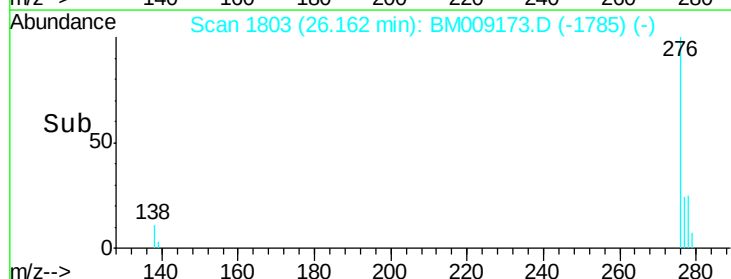
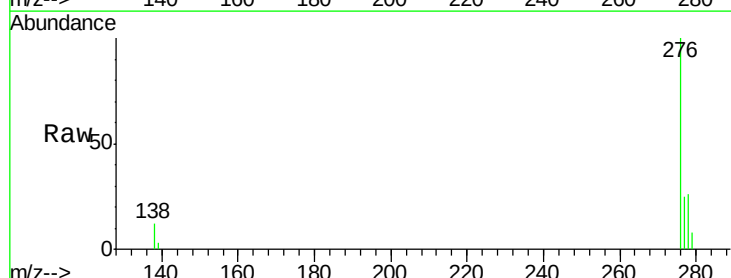
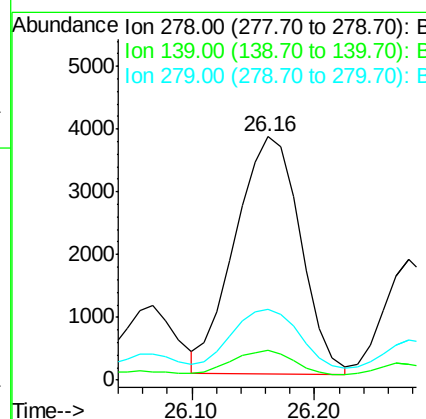
Manual Integrations
 APPROVED

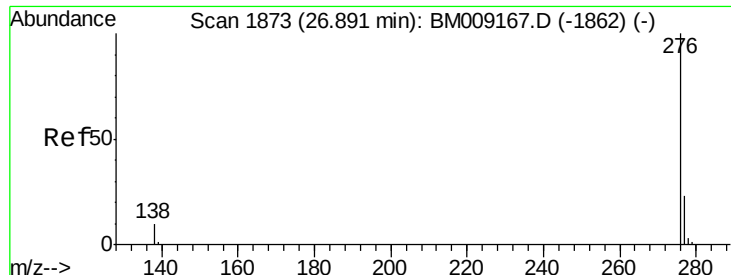
mohammad
 3/13/2017 2:13:25 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.41 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009173.D
 Acq: 10 Mar 2017 13:23

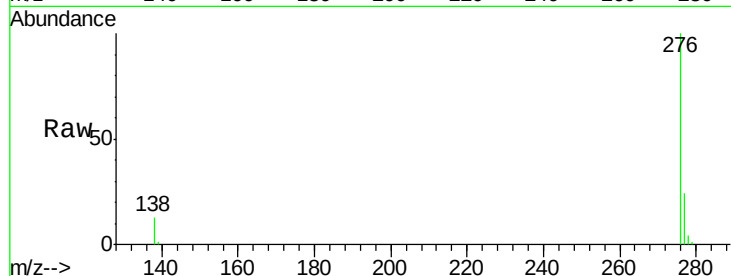
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	17.4	26.0#
279	29.1	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 8.76 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009173.D
 Acq: 10 Mar 2017 13:23

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	21.8	32.8
138	12.6	20.5	30.7

Manual Integrations
 APPROVED

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